

REMARKS

Claims 1-10, 17-35 were pending at the time of the Office Action. Claims 28-30 were previously withdrawn from consideration pursuant to a restriction requirement. Claims 1, 3, 4, and 11-35 are cancelled in this response. Claims 36-51 are new claims. No new matter is added. Claims 2, 5-10, and 36-51 are pending at this time. Claims 5, 36, and 44 are independent claims. Reconsideration and allowance of the above-referenced application are respectfully requested.

Examiner Interview Summary

Examiner Brenda Pham is thanked for the courtesy of the telephone interview held on March 21, 2007 with Applicant's representative, Sushil Shrinivasan.

Agreement was reached that, upon removing the recitation, "a propagated signal," from the Specification, rejections under 35 USC 101 will be withdrawn. Further, the Examiner recommended reciting "computer-readable medium" in place of "machine-readable medium." Agreement was also reached that the claims will be allowable if claim 5 was re-written in independent form.

Amendments to the Specification

The Specification, particularly the paragraph beginning on page 14, line 19, is amended to remove the recitation, "a propagated signal." The amendment to the Specification obviates the rejection under 35 USC 101. Accordingly, Applicant respectfully requests that the rejection of the claimed subject matter under 35 USC 101 be withdrawn.

Allowable Subject Matter

Claims 4 and 5 were objected to as being dependent on a rejected base claim, but would be allowable if rewritten in independent form. This indication of allowable subject matter is acknowledged. Claim 4 is cancelled in this response.

Claim 5 is re-written in independent form. Claim 5 depends from claim 3 which, in turn, depends from independent claim 1. As amended, claim 5 includes the features of claims 1 and 3. Claims 1 and 3 are cancelled in this response. Accordingly, claim 5 is patentable.

35 USC 102

Claims 1-3, 6-10, 17-27, and 31-35 stand rejected under 35 USC 102(e) as allegedly being anticipated by Simpkins et al. (US 6,931,002), hereinafter "Simpkins." The cancellation of claims 1, 3, and 11-27, and 31-35 obviate the rejections of these claims.

As amended, claim 5 recites "receiving frames partitioned into multiple timeslots; reading a timeslot lookup table including an entry that specifies an assignment corresponding to a timeslot; storing data associated with a particular timeslot in a memory location based on the assignment, with data from a particular channel included in timeslots having a data assignment stored in contiguous memory locations; and calculating the number of timeslots associated with a set of data timeslots, wherein calculating the number of timeslots includes locating a start-point and an end-point of a set of data non-consecutive channels in a frame having the same assignment." (Emphasis added).

Claim 5 is amended to include the features of claims 1 and 3. Accordingly, as indicated in the Office Action, claim 5 is patentable. Claims 2, and 6-10 depend from allowable claim 5

and are also allowable at least for similar reasons. Applicants respectfully request that claim 5 and all claims dependent therefrom be allowed.

Applicant does not concede that Simpkins teaches all the features of claim 1 that is cancelled in this response. On the contrary, Applicant traverses the rejection of claim 1 because Applicant believes that Simpkins does not teach all the features of the claimed subject matter. The cancellation of claims 1, 3, 4 and 11-35, and the inclusion of the features of claims 1 and 3 in claim 5 is only to advance prosecution and not an indication that the Applicant agrees with the Office's position regarding the cancelled claims. Based on the interview with Examiner Pham, Applicant believes that the Office will issue a notice of allowance pursuant to the amendments in this paper. Should the Examiner not issue a notice of allowance, Applicant reserves the right to appeal the rejection of claim 1, it's dependents, and any claims that are cancelled in this response.

New Claims

Claim 36 recites "A computer program product, tangibly embodied in a computer-readable medium, when executed by a computer, perform operations comprising: receiving frames partitioned into multiple timeslots; reading a timeslot lookup table including an entry that specifies an assignment corresponding to a timeslot; storing data associated with a particular timeslot in a memory location based on the assignment, with data from a particular channel included in timeslots having a data assignment stored in contiguous memory locations; and calculating the number of timeslots associated with a set of data timeslots, wherein calculating the number of timeslots includes locating a start-point and an end-point of a

set of data non-consecutive channels in a frame having the same assignment."

Claim 36 relates to a computer program product to perform the operations described in the allowed method claim 5. Therefore, claim 36 is allowable at least for reasons similar to claim 5. Claims 37-43 are also allowable at least for similar reasons and for the additional recitations that they contain.

Claim 44 recites "A system comprising: a processor; and a computer program product, tangibly embodied on a computer-readable medium to cause the processor to perform operations comprising: receiving frames partitioned into multiple timeslots; reading a timeslot lookup table including an entry that specifies an assignment corresponding to a timeslot; storing data associated with a particular timeslot in a memory location based on the assignment, with data from a particular channel included in timeslots having a data assignment stored in contiguous memory locations; and calculating the number of timeslots associated with a set of data timeslots, wherein calculating the number of timeslots includes locating a start-point and an end-point of a set of data non-consecutive channels in a frame having the same assignment."

Claim 44 relates to a system including a processor and a computer program product to perform the operations described in the allowable method claim 5. Therefore, claim 44 is patentable. Claims 45-51 are also patentable at least for reasons similar to claim 44 and for the additional recitations that they contain.

Applicant respectfully requests that the rejections of the claims under 35 USC 102(e) be withdrawn.

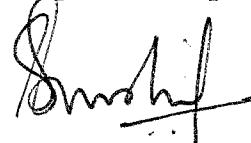
CONCLUSION

It is believed that all of the pending claims have been addressed. However, the absence of a reply to a specific rejection, issue or comment does not signify agreement with or concession of that rejection, issue or comment. In addition, because the remarks made above may not be exhaustive, there may be reasons for patentability of any or all pending claims (or other claims) that have not been expressed. Finally, nothing in this paper should be construed as an intent to concede any issue with regard to any claim, except as specifically stated in this paper, and the amendment of any claim does not necessarily signify concession of unpatentability of the claim prior to its amendment.

In view of the foregoing amendments and remarks, Applicants respectfully submit that the application is in condition for allowance, and such action is respectfully requested at the Examiner's earliest convenience.

Applicant asks that all claims be allowed. Please apply any credits or charges to deposit account 06-1050.

Respectfully submitted,



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